Set	Items Description
S1	16055 (NUCLEIC()ACID? OR OLIGONUCLEOTIDE? OR POLYNUCLEOTIDE OR D-
	NA) (W) (IMMOBILIZ? OR ATTACH? OR ARRAY? OR SPOT?)
S2	4 S1 AND (BUFFER? OR SOLUTION? OR SOLVENT) (W) (ARRAY? OR SP-
	OT? OR BIND? OR IMMOBILZ? OR ATTACH?)
S3	4 RD (unique items)
S4	O S1 AND (?AMMONIUM OR TEEA OR TEAC OR TEA()AC OR BENATINE)
S5	3 S1 AND (TRIETHYLAMMONIUM? OR TRIMETHYLAMMONIUM? OR TEEA OR
	TEAC OR TEA()AC OR BENATINE)
?	

,

				r
L Number	Hits	Search Text	DB	Time stamp
3	23	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/13 07:29
		or biochip or "dna chip" or "dna array")	US-PGPUB;	
	,	and (trimethylammonium or	DERWENT	
	 	triethylammonium) and "succinic anhydride"		
4	26		USPAT;	2003/03/13 07:29
	 	or biochip or "dna chip" or "dna array")	US-PGPUB;	
		and (trimethylammonium or triethylammonium	DERWENT	
		or "TEAA") and "succinic anhydride"		
6	6		USPAT;	2003/03/13 07:32
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and (trimethylammonium or	DERWENT	
		triethylammonium or "TEAA" or "TEAC") and		
		"succinic anhydride") not ((microarray or		
		"gene chip" or "gene array" or biochip or		
	•	"dna chip" or "dna array") and		
		(trimethylammonium or triethylammonium)		
		and "succinic anhydride")		
7	669	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/13 08:45
		or biochip or "dna chip" or "dna array" or	US-PGPUB;	
		support or array) same (trimethylammonium	DERWENT	
		or triethylammonium or "TEAA" or "TEAC")		0000/00/10 07 55
8	239		USPAT;	2003/03/13 07:58
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array" or support or array) same	DERWENT	
		(trimethylammonium or triethylammonium or		
		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		]
	_	array) same glass		0000/00/10 07 40
10	2	(((microarray or "gene chip" or "gene	USPAT;	2003/03/13 07:43
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array" or support or array) same	DERWENT	
		(trimethylammonium or triethylammonium or		· .
		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
		array) same glass) and (((microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
		array) same (trimethylammonium or		
		triethylammonium or "TEAA" or "TEAC") ) and (microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
		array" or support or array) same		
		(polylysine or "poly 1 lysine" or		
		aminosilane))		1
9	8	((microarray or "gene chip" or "gene	USPAT;	2003/03/13 07:43
	ľ	array" or biochip or "dna chip" or "dna	US-PGPUB;	= 300,00,10 0,140
		array" or support or array) same	DERWENT	•
	.	(trimethylammonium or triethylammonium or	DELVIENT	
]		"TEAA" or "TEAC") ) and (microarray or		
}		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
		array) same (polylysine or "poly 1 lysine"		
		or aminosilane)		
11	12		USPAT;	2003/03/13 07:44
**	12	array" or biochip or "dna chip" or "dna	US-PGPUB;	= = = = = = = = = = = = = = = = = = =
		array" or support or array) same	DERWENT	
		(trimethylammonium or triethylammonium or	2211112111	1
		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
	1	array) same glass) and (methylimidazol or		
	ļ	dichloroethane)		
		= = = = = = = = = = = = = = = = =	-1	

12	30	(((microarray or "gene chip" or "gene	USPAT;	2003/03/13 07:58
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array" or support or array) same	DERWENT	
		(trimethylammonium or triethylammonium or		
		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
1		"dna chip" or "dna array" or support or	[	
1		array) same glass) and (methylimidazol or		
İ		dichloroethane or dichloride)		
13	669	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/13 07:58
13	1 009			2003/03/13 07:30
		or biochip or "dna chip" or "dna array" or	US-PGPUB;	
		support or array) same (trimethylammonium	DERWENT	
		or triethylammonium or "TEAA" or "TEAC" or		i
		"tea-ac")		
15	26	((((microarray or "gene chip" or "gene	USPAT;	2003/03/13 08:31
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
1			DERWENT	1
Ì		array" or support or array) same	DEKWENI	
1		(trimethylammonium or triethylammonium or		
l		"TEAA" or "TEAC") ) and (microarray or		
1		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
i		array) same glass) and (methylimidazol\$2		
1	1			1
1	1	or dichloroethane or dichloride)) not		1
		((((microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
	1	array" or support or array) same		
		(trimethylammonium or triethylammonium or		
		"TEAA" or "TEAC") ) and (microarray or		
	1			
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
		array) same glass) and (methylimidazol or		
	1	dichloroethane or dichloride))		
16	30	((((microarray or "gene chip" or "gene	USPAT;	2003/03/13 08:31
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array" or support or array) same	DERWENT	
			DEVMENT	
		(trimethylammonium or triethylammonium or		
		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
1		array) same glass) and (methylimidazol\$2	1	
		or dichloroethane or dichloride)) not		
1		1		
		((((microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
1		array" or support or array) same		
		(trimethylammonium or triethylammonium or		
1		"TEAA" or "TEAC") ) and (microarray or		
[		"gene chip" or "gene array" or biochip or		
1		"dna chip" or "dna array" or support or		
				1
1	1	array) same glass) and (methylimidazol\$2		
		or dichloroethane or dichloride)) not	1	
		((((microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
1		array" or support or array) same		
		(trimethylammonium or triethylammonium or		
	1	"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
	1	array) same glass) and (methylimidazol or		
		dichloroethane or dichloride)))		
14	56		USPAT;	2003/03/13 09:39
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
1		array" or support or array) same	DERWENT	
}			DEVMENT	1
1		(trimethylammonium or triethylammonium or		1
1		"TEAA" or "TEAC") ) and (microarray or	1	
1		"gene chip" or "gene array" or biochip or	1	
		"dna chip" or "dna array" or support or		
		array) same glass) and (methylimidazol\$2		
		or dichloroethane or dichloride)		
17	9	·	HCDATE-	2002/02/12 00-52
1 ′	1	1, ( (	USPAT;	2003/03/13 08:52
1	İ	dichloride or dicholoroethane) and	US-PGPUB;	
1		(trimethylammonium or triethylammonium or	DERWENT	
		"TEAA" or "TEAC" or "tea ac")		<u>                                     </u>

18	9	435/287.2.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and	USPAT; US-PGPUB;	2003/03/13 08:53
		(trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac")	DERWENT	
19	97	435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac")	USPAT; US-PGPUB; DERWENT	2003/03/13 09:19
21	71	(435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac") ) and glass	USPAT; US-PGPUB; DERWENT	2003/03/13 08:53
20	23	(435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac") ) and (((microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium or triethylammonium or "TEAA" or "TEAC") ) and (microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same glass)	USPAT; US-PGPUB; DERWENT	2003/03/13 08:56
22	48	((435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac") ) and glass) not ((435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac") ) and (((microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium or triethylammonium or "TEAA" or "TEAC") ) and (microarray or "gene chip" or "gene array" or biochip or "dna chip" or "gene array" or support or "dna chip" or "dna array" or support or array) same glass))	USPAT; US-PGPUB; DERWENT	2003/03/13 09:45
23	62	(immobiliz\$3 or attach\$3 or link\$4) same ((methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac"))	USPAT; US-PGPUB; DERWENT	2003/03/13 09:46
5	29	(microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array") and (trimethylammonium or triethylammonium or "TEAA" or "TEAC") and "succinic anhydride"	USPAT; US-PGPUB; DERWENT	2003/03/13 09:46
24	43	((((microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium or triethylammonium or "TEAA" or "TEAC") ) and (microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same glass) and (methylimidazol\$2 or dichloroethane or dichloride)) not meade.in.	USPAT; US-PGPUB; DERWENT	2003/03/13 09:39
25	2	6027890.pn.	USPAT; US-PGPUB; DERWENT	2003/03/13 09:45
26 27	6	6027890.URPN. 6027890.URPN. and ((microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium or "TEAA" or "TEAC") )	USPAT USPAT	2003/03/13 09:46 2003/03/13 09:46

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28	0	6027890.URPN. and ((microarray or "gene	USPAT;	2003/03/13 09:46
		chip" or "gene array" or biochip or "dna	US-PGPUB;	
		chip" or "dna array" or support or array)	DERWENT	
		same (trimethylammonium or		
		triethylammonium or "TEAA" or "TEAC") )		
29	12		USPAT;	2003/03/13 09:47
		array" or biochip or "dna chip" or "dna	US-PGPUB;	2003/03/13 03.47
		array") and (trimethylammonium or	DERWENT	
		triethylammonium or "TEAA" or "TEAC") and	DEKWENT	
		"succinic anhydride") and ((immobiliz\$3 or		
		attach\$3 or link\$4) same		
		((methylimidazol\$2 or dichloride or		
		dicholoroethane) and (trimethylammonium or		
		triethylammonium or "TEAA" or "TEAC" or		
	7004	"tea ac")))		
_	7804	microarray or "gene chip" or "gene array"	USPAT;	2003/03/06 13:51
		or biochip or "dna chip" or "dna array"	US-PGPUB;	
			DERWENT	
-	38	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/06 13:51
		or biochip or "dna chip" or "dna array")	US-PGPUB;	
		and trimethylammonium	DERWENT	
<b>–</b>	225	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/06 14:08
		or biochip or "dna chip" or "dna array")	US-PGPUB;	1
		and triethylammonium	DERWENT	
_	60	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/06 13:52
		or biochip or "dna chip" or "dna array")	US-PGPUB;	2003/03/00 13.32
		and triethylammonium near4 acetate	DERWENT	
_	1	(microarray or "gene chip" or "gene array"	USPAT;	2003/02/06 13:50
		or biochip or "dna chip" or "dna array")		2003/03/06 13:52
			US-PGPUB;	
_	55	and trimethylammonium near4 acetate ((microarray or "gene chip" or "gene	DERWENT	0000400405 40 55
	33		USPAT;	2003/03/06 13:57
		array" or biochip or "dna chip" or "dna	US-PGPUB;	ł
		array") and triethylammonium near4	DERWENT	
		acetate) and glass		
-	3	((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:10
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and triethylammonium near4	DERWENT	
		acetate) and ("poly 1 lysine" or		
		polylysine or aminosilane or polyamine)		
-	3	(((microarray or "gene chip" or "gene	USPAT;	2003/03/06 13:54
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and triethylammonium near4	DERWENT	
	İ	acetate) and ("poly 1 lysine" or		
		polylysine or aminosilane or polyamine))		
		and (((microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
		array") and triethylammonium near4		
		acetate) and glass)		
_	17		USPAT;	2003/03/06 13:58
		array" or biochip or "dna chip" or "dna	US-PGPUB;	2003/03/06 13:58
		array") and triethylammonium near4		
		acetate) and glass) or ((microarray or	DERWENT	
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array") and		
		trimethylography ) and		
	]	trimethylammonium)) and "succinic		
	1	anhydride"		
-	92	(((microarray or "gene chip" or "gene	USPAT;	2003/03/06 13:58
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and triethylammonium near4	DERWENT	
		acetate) and glass) or ((microarray or		· ·
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array") and	[	
		trimethylammonium))		
-	16	(((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:08
	1	array" or biochip or "dna chip" or "dna	US-PGPUB;	
	11	array") and triethylammonium near4	DERWENT	
		acetate) and glass) and "succinic		
		anhydride"		
-	2	(((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:05
	1	or gone only or gene	· ·	2003/03/00 14:05
	1	allay of blochip or "dna chip" or "dna	ווק-סמסוום.	
		array" or biochip or "dna chip" or "dna	US-PGPUB;	14
		array") and triethylammonium near4 acetate) and glass) and dichloroethane	US-PGPUB; DERWENT	

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-	17	((((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:05
	i	array" or biochip or "dna chip" or "dna	US-PGPUB;	2000,00,00 11.00
1		array") and triethylammonium near4	DERWENT	
Ì		acetate) and glass) or ((microarray or		
	İ	"gene chip" or "gene array" or biochip or		
]		"dna chip" or "dna array") and	i	
1		trimethylammonium))) and "succinic		
		anhydride"		
] -	3	((((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:26
ĺ	1	array" or biochip or "dna chip" or "dna	US-PGPUB;	2003/03/00 14:26
		array") and triethylammonium near4	DERWENT	İ
1		acetate) and glass) or ((microarray or	DEKWENI	
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array") and		
	1	trimethylammonium))) and dichloroethane		}
i _	14	(((microarray or "gene chip" or "gene	Hann	0000/00/00
1	1	array" or biochip or "dna chip" or "dna	USPAT;	2003/03/06 14:07
		array") and trimethilamentum' on	US-PGPUB;	
		array") and trimethylammonium) OR	DERWENT	
		((microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
		array") and triethylammonium near4		
	1	acetate)) and ("poly 1 lysine" or		
1_	217	polylysine or aminosilane or polyamine)		
_	217		USPAT;	2003/03/06 14:08
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
_	101	array") and triethylammonium) and glass	DERWENT	
-	101	(((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:08
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and triethylammonium) and glass)	DERWENT	
		and ("poly 1 lysine" or polylysine or		
		aminosilane or polyamine)		
1 -	1	((((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:08
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
	İ	array") and triethylammonium) and glass)	DERWENT	}
		and ("poly 1 lysine" or polylysine or		
ļ	1	aminosilane or polyamine)) and "succinic		
		anhydride"		1
~	16	((microarray or "gene chip" or "gene	USPAT;	2003/03/13 07:23
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and triethylammonium near4	DERWENT	
		acetate) and "succinic anhydride"		
-	1		USPAT;	2003/03/06 14:25
]		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and trimethylammonium) and ("poly	DERWENT	İ
1		l lysine" or polylysine or aminosilane or		
		polyamine)) and "succinic anhydride"		
-	1	(((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:26
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and trimethylammonium) and ("poly	DERWENT	
		l lysine" or polylysine or aminosilane or		
		polyamine)) and dichloroethane		
_	12	((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:26
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and trimethylammonium) and ("poly	DERWENT	
		l lysine" or polylysine or aminosilane or		
		polyamine)		